

# Finn Buick

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Software Engineering Student

## Education

**Bachelor of Engineering (Honours) BE, Software Engineering**  
Macquarie University | Major GPA : 3.0 | 2015 - April 2021

## Projects

### Smart text editor for Processable English (PENG)

My final year thesis project was to build a predictive text editor for a Controlled Natural Language called Processable English (PENG). I wrote the front-end which communicated with a prolog backend via JSON to present the user with a selection of potential next words that fit the grammar specified by PENG.

### Help.me

An online local marketplace where users can carry out favours for others in exchange for favour points, as well as request favours themselves. Powered by React, Typescript and Firebase. Hosted @ [service-barter-comp4050.firebaseio.com](https://service-barter-comp4050.firebaseio.com)

### Spotify Favourites

A personal project that uses the RESTful Spotify Web API, React and Express to present users with a list of their most listened to songs on Spotify. Deployed on Heroku @ <https://spotify-favourites.herokuapp.com>.

## Work Experience

### Exhibition Co, Northern Beaches

IT Support | May 2017 - Present

- Saved several hours of manual data entry by web scraping a list of 150 potential clients' details from an exhibitors list into a spreadsheet to be used by the sales department, using Python and BeautifulSoup 4.
- Responsible for providing colleagues with technical support including troubleshooting hardware and software issues.

### Chicken & Sons, Chatswood

Cashier/Kitchenhand | Feb - June 2017

- Mentored new team members on the operation of POS system and customer service strategies.
- Fostered customer loyalty and consistent sales by providing friendly service and knowledgeable assistance as well as resolving customer

## Programming Languages

JavaScript (ES6)  
TypeScript  
Python  
Java  
HTML  
CSS  
SQL  
C

## Frameworks

React  
Flask  
jQuery  
Express  
Node  
EJS

## Tools & Platforms

Bash  
Git  
NPM  
Heroku  
Jira  
Firebase